

FIG. 1

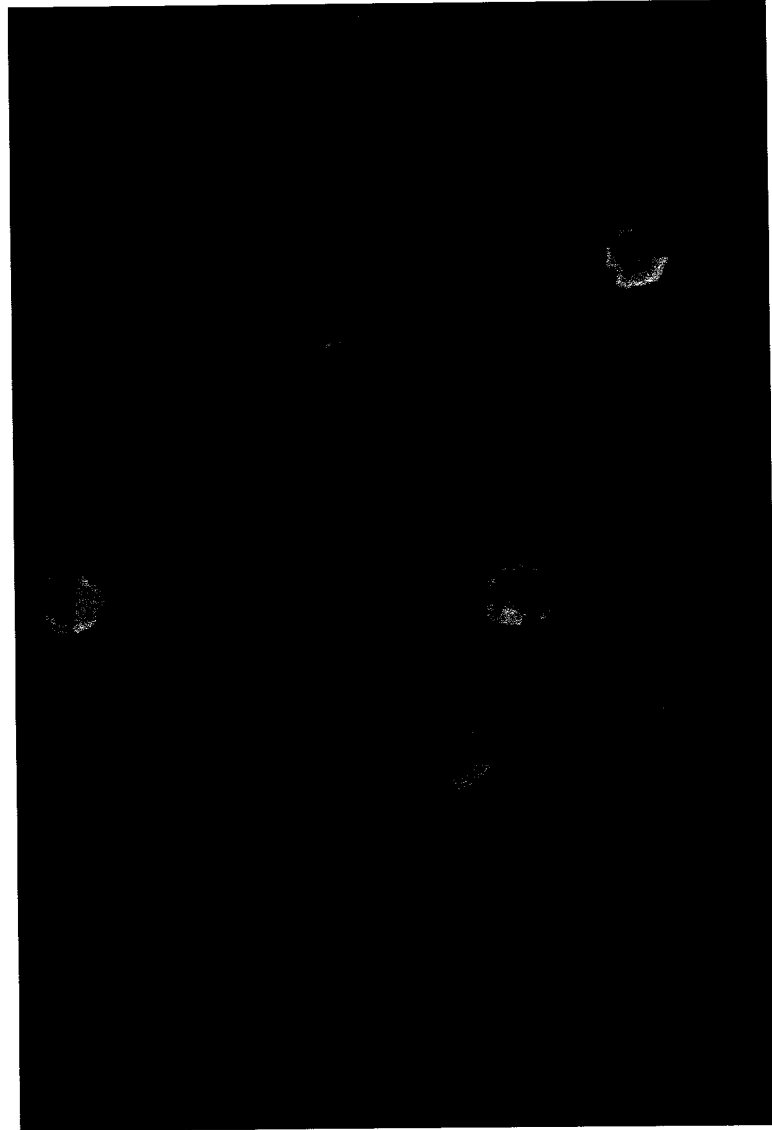


FIG. 2

Mr(kDa)

200 -

116 -

92 -

67 -

43 -

1 2 3 4



FIG. 3

Z N Z N Z N

Mr(kDa)

200 -



116 -

92 -



67 -

43 -

A

B

C

Anti-C9
(native)

K2.254

2° Ab
alone

FIG. 4

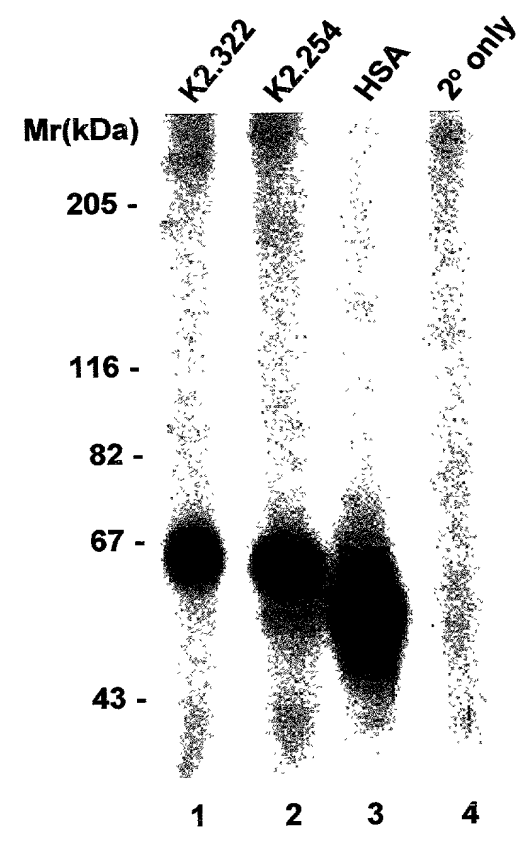


FIG. 5

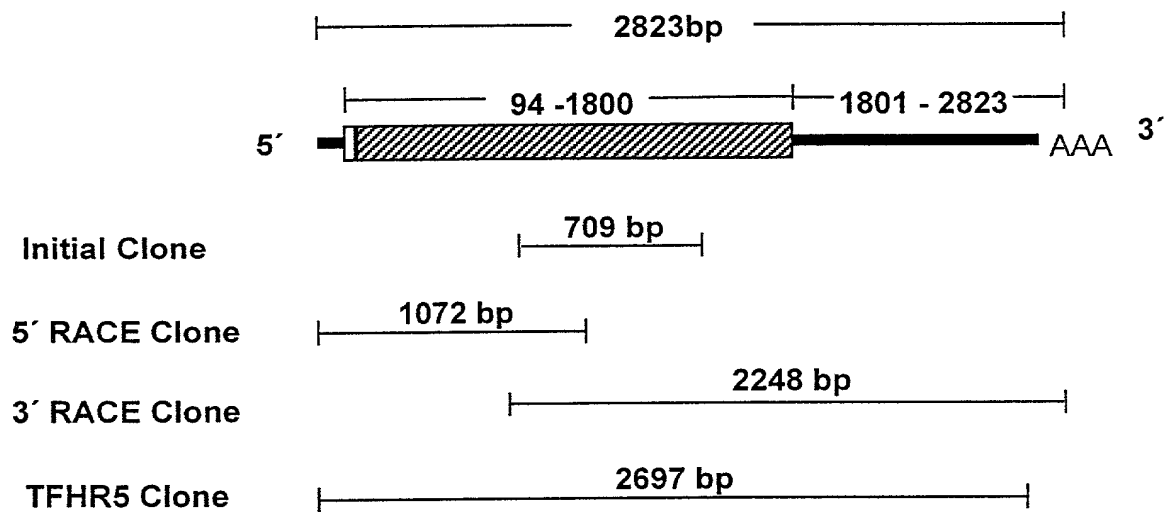


FIG. 6

HOMOLOGY WITHIN THE hFH FAMILY
 Decay accelerating + Co-factor activity

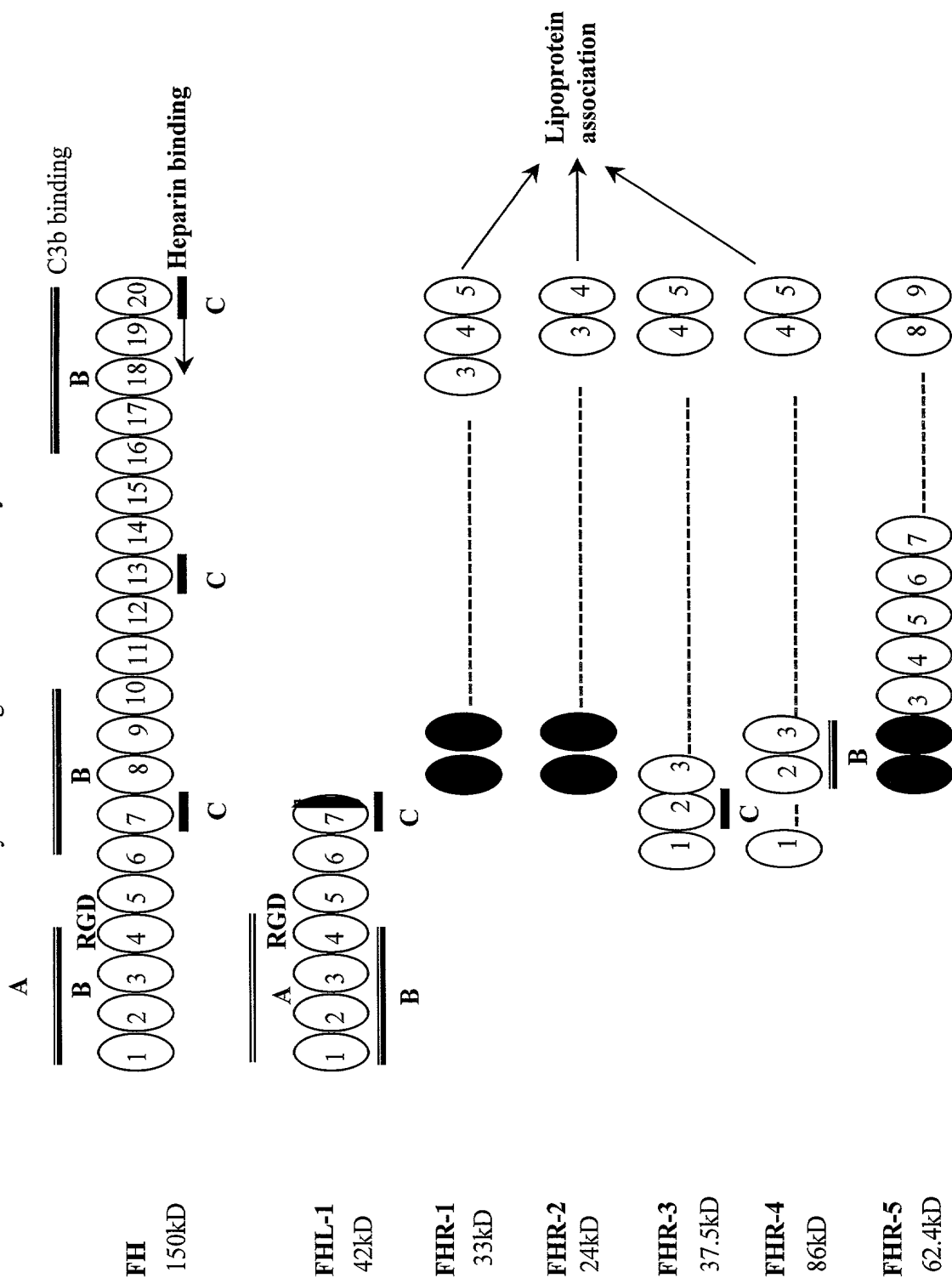
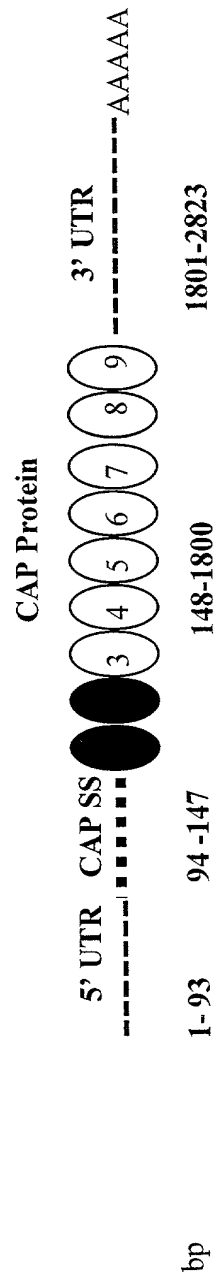


FIG. 6A

CAP Protein
(2823bp/569AA)



AA 18 + 551= 569

FIG. 7

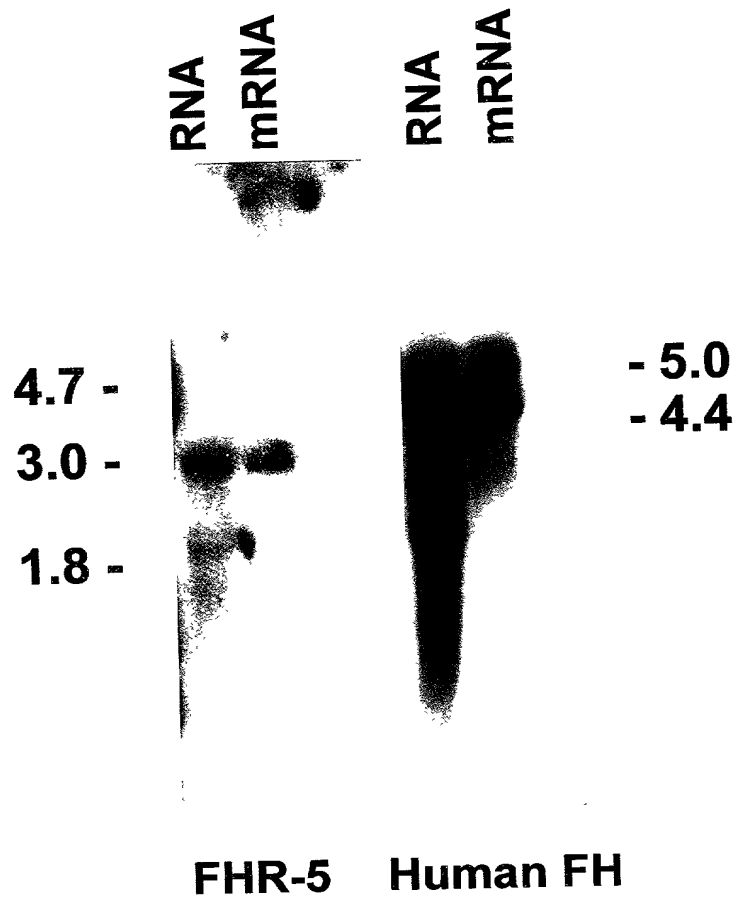


FIG. 8

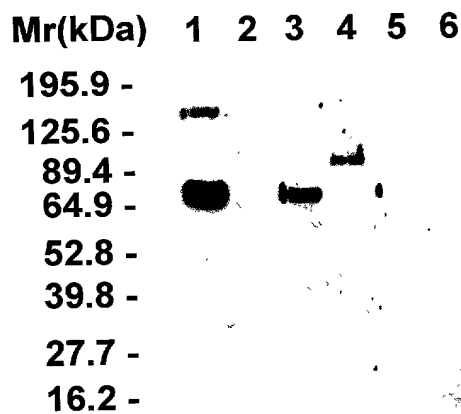


FIG. 9

Amino Acid
Coordinates

EGTL	C	DF	P	KIHGFLYDEEDYNPF	SQV	PT	G	EVFYYS	C	E	YNFVSPSKSF	WTRIT	C	TEEG	W	SP	T	P	K	C	L	66
RM	C	SF	P	FVKNHSESSG	LIH	LE	G	DTVQII	C	N	TCYSLQNN	KNIS	C	VERG	W	ST	P	P	I	C	SFT	125
KGE	C	HV	P	I	LEANVDAQPK	KESY	KV	DVLKFS	C	R	KNLIRVGS	DSVQ	C	YQFG	W	SPN	F	P	T	C	K	184
GQVRS	C	GP	P	P	QLSNGEVKEIR	KEEY	GH	EVVEYD	C	N	PNFIINGP	KKIQ	C	VDGE	W	TT	L	P	T	C	V	245
EQVKT	C	GY	I	P	ELEYGYVQPS	VPPY	QH	VSVEVN	C	R	NEYAMIGN	NMIT	C	INGI	W	TE	L	P	M	C	V	305
ATHQLKR	C	KI	A	GVNITLKL	SL	GKEF	NH	SRIRYR	C	S	DIFRYRHS	V	C	INGK	W	NP	E	V	D	C	T	364
EKREQF	C	PP	P	P	QIPNAQNMTT	TVNY	QD	EKVAVL	C	K	ENYLLPEA	KEIV	C	KDGR	W	QS	L	P	R	C	V	425
ESTAY	C	GP	P	P	SINNGDTTSFP	LSVY	PP	STVTYR	C	Q	SFYKLQGS	VTVT	C	RNKQ	W	SE	P	P	R	C	L	486
DP	C	VV	S	EENMNKNNIQLKWR	NDGKLYAKT	G	DAVEFQ		C	KFPKAMUSSPP	FRAI		C	QEGK	F	EY	P	I		C	E	551

FIG. 10

FHR-5	SCR	1	EGTLCDFPKIHGFLYDEEDYNPFSQVPTGEVFFYSCEYNFVSPSKSFWTRITCTEEGWSPTPKCL	% Homology
FHR-1	SCR	1	A F N - K K N	89.4%
FHR-2	SCR	1	AMF N - K K A	87.9%
FHR-5	SCR	2	RMCSFFVKNGHSESSGLIHLEGDTVQIICNTGYSLQNNEK <u>NIS</u> CVERGWSPTPPICSFT	
FHR-1	SCR	2	L F E QT R N K RS	83.0%
FHR-2	SCR	2	L F E QT R N K RS	83.0%
FHR-5	SCR	3	KGECHVPILEANVDAQPKKESYKVGDLKFSCRKNLIRVGSDSVQCYQFGWSPNFPCTK	
FH	SCR	10	ER EL KIDVHLVPDR DQY E KPGFTI PNS H L DL I	47.5%
FHR-5	SCR	4	GQVRCGPPQLSNGEVKEIRKEEYGHNEVVEYDCNPFIINGPKKIQCVDGEWTTLPCTV	
FH	SCR	11	E Q E L N KT S Y R LMK N V	173.8%
FHR-5	SCR	5	EQVKTGCIPELEYGYVQPSVPPYQHGVSVVNCRNEYAMIGNNMITCINGIWTELPMTV	
FH	SCR	12	VEES D H WA L S YY D F SESFT HRS H V Q Q	56.7%
FHR-5	SCR	6	ATHQLKRCKIAGVNIKTLLKLSGKEFNHNSRIRYRCSDFRYRHSVCINGKWNPEVDCT	
FH	SCR	13	IDK K SSNLI LEEHLKNK D N RGKEGWI T R D N S	47.5%
FHR-5	SCR	7	EKREQFCPPQIPNAQNMTTITVNYQDGEKVAVLCKENYLLPEAKEIVCKDGRWQSLPRCV	
FH	SCR	14	MAQI L SH L R S Q IQ GE T I L	70.5
FHR-5	SCR	8	ESTAYCG-PPPSINNGDTSFPLSVYPPGSTVTYRCQSFYKLQGSVTVTCRNQWSEPPRCL	
FH	SCR	19	D GK - PID I A A S E Q NL Q E NKRI G K	67.2%
FHR-1	SCR	4	D GK - PID I A A S E Q NL Q E NKRI G K	62.3%
FHR-2	SCR	3	I AE G PID I L A S E Q NL Q E NNQI G K	63.9%
FHR-3	SCR	4	N SEK - PIS L K V Q R E Q YE NY S GE A I	65.6%
FHR-4	SCR	4	N SEK - PIS L K V Q R E Q YE NY S GE I	63.9%
FHR-5	SCR	9	DPCVVSENNMKNNIQLKWRNDGKLYAKTGDAVEFQCKFPHKAMISSPPFRAICQEGKFEYPICE	
FH	SCR	20	H I R I- ENY A RWTAKQ SR ES V RGYRLSSRSHTL TT WD L T AKR	41.8%
FHR-1	SCR	5	H I R I- ENY A RWTAKQ LR ESAEFV RGYRLSSRSHTL TT WD L T AKR	41.7%
FHR-2	SCR	4	D I Q I- EKY K KWT KQ SR I V RGYHPTKS-HS AM N LV S EK	55.2%
FHR-3	SCR	5	H IIT - K G S R Y TIEFM LGYN NTS-LS Q V R IV R	58.5%
FHR-4	SCR	5	H IIT - QLKGS I Y TIEFM LGYN NTSVLS Q V R IV R	58.5%

FIG. 11A

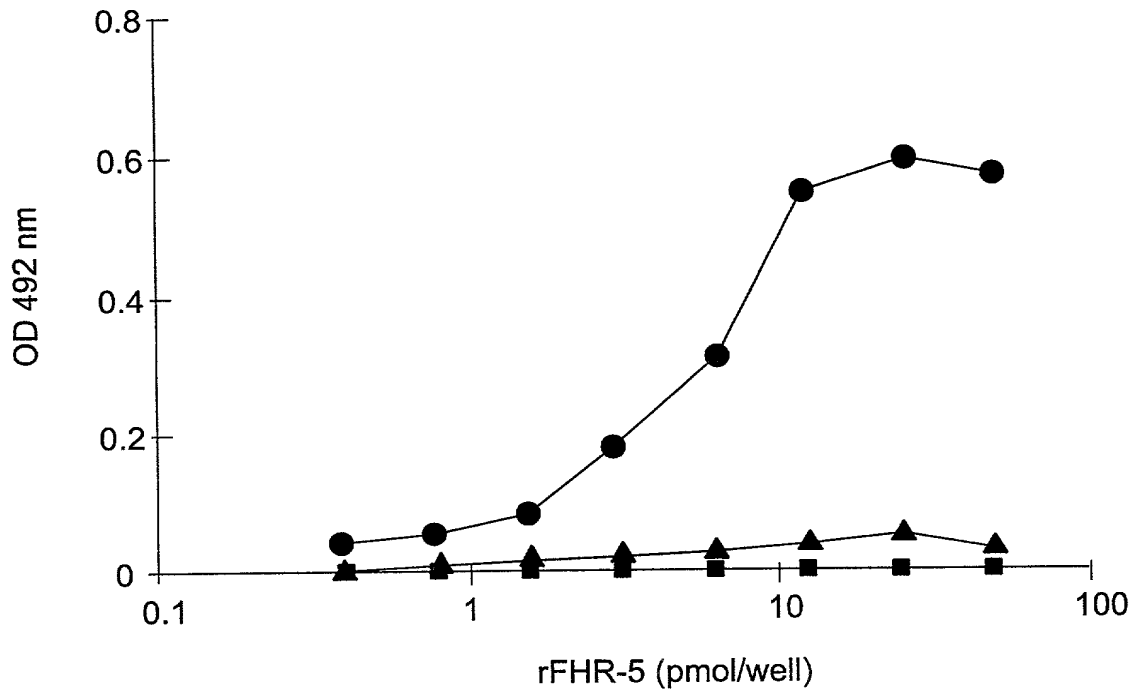


FIG. 11B

